==========
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: markspencer
Timestamp: [year=2009; month=6; day=4; hr=14; min=40; sec=44; ms=14;]
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****
Reviewer Comments:
1.
W402 Undefined organism found in <213> in SEQ ID (119)

<210> 119
<211> 102
<212> DNA
<213> recombinant construct
* * * * * * * * *

For SEQ ID # 119, numeric identifier <213> can only be one of three choices, “Scientific name, i.e. Genus/species, Unknown or Artificial Sequence.” Numeric identifier <213> may not be the name of a gene or protein. For all sequences using “Unknown or Artificial sequence”, for numeric identifier <213>, a mandatory feature is required to explain the source of the genetic material. The feature consists of numeric identifier <220>, which remains blank and, numeric identifier <223>, which states the source of the genetic material. Suggest using “Artificial sequence” for numeric identifier <213> and “recombinant construct” for numeric identifier <223> in the mandatory feature. Please make all necessary changes.

2.
W402 Undefined organism found in <213> in SEQ ID (31)
W402 Undefined organism found in <213> in SEQ ID (32)
W402 Undefined organism found in <213> in SEQ ID (47)
W402 Undefined organism found in <213> in SEQ ID (48)
W213 Artificial or Unknown found in <213> in SEQ ID (49)
W213 Artificial or Unknown found in <213> in SEQ ID (50)

W213 Artificial or Unknown found in <213> in SEQ ID (51)
W213 Artificial or Unknown found in <213> in SEQ ID (52)
W213 Artificial or Unknown found in <213> in SEQ ID (53)
W213 Artificial or Unknown found in <213> in SEQ ID (54)
W213 Artificial or Unknown found in <213> in SEQ ID (55)
W213 Artificial or Unknown found in <213> in SEQ ID (56)
W213 Artificial or Unknown found in <213> in SEQ ID (57)
W213 Artificial or Unknown found in <213> in SEQ ID (58)
W213 Artificial or Unknown found in <213> in SEQ ID (59)
W402 Undefined organism found in <213> in SEQ ID (61)
W213 Artificial or Unknown found in <213> in SEQ ID (63)
W213 Artificial or Unknown found in <213> in SEQ ID (64)
W213 Artificial or Unknown found in <213> in SEQ ID (65)
W213 Artificial or Unknown found in <213> in SEQ ID (66)
W213 Artificial or Unknown found in <213> in SEQ ID (67)
W213 Artificial or Unknown found in <213> in SEQ ID (68)
W213 Artificial or Unknown found in <213> in SEQ ID (69)
W213 Artificial or Unknown found in <213> in SEQ ID (70)
W213 Artificial or Unknown found in <213> in SEQ ID (71) This error has occured more than 20 times, will not be displayed

The warnings shown above are ok and require no response.
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Validated By CRFValidator v 1.0.3

Application No: 10539992 Version No: 3.0

Input Set:

Output Set:

Started: 2009-05-18 17:22:58.039
Finished: 2009-05-18 17:23:07.952
Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 913 ms
Total Warnings: 43
Total Errors: 0
No. of SeqIDs Defined: 119
Actual SeqID Count: 119

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W	402	Undefined organism found in <213> in SEQ ID (47)
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W	213	Artificial or Unknown found in <213> in SEQ ID (49)
W	213	Artificial or Unknown found in <213> in SEQ ID (50)
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W	213	Artificial or Unknown found in <213> in SEQ ID (52)
W	213	Artificial or Unknown found in <213> in SEQ ID (53)
W	213	Artificial or Unknown found in <213> in SEQ ID (54)
W	213	Artificial or Unknown found in <213> in SEQ ID (55)
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W	213	Artificial or Unknown found in <213> in SEQ ID (57)
W	213	Artificial or Unknown found in <213> in SEQ ID (58)
W	213	Artificial or Unknown found in <213> in SEQ ID (59)
W	402	Undefined organism found in <213> in SEQ ID (61)
W	213	Artificial or Unknown found in <213> in SEQ ID (63)
W	213	Artificial or Unknown found in <213> in SEQ ID (64)
W	213	Artificial or Unknown found in <213> in SEQ ID (65)
W	213	Artificial or Unknown found in <213> in SEQ ID (66)

Input Set:

Output Set:

Started: 2009-05-18 17:22:58.039
Finished: 2009-05-18 17:23:07.952
Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 913 ms
Total Warnings: 43
Total Errors: 0
No. of SeqIDs Defined: 119
Actual SeqID Count: 119

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (69)
W 213	Artificial or Unknown found in <213> in SEQ ID (70)
W 213	Artificial or Unknown found in <213> in SEQ ID (71) This error has occured more than 20 times, will not be displayed
W 402	Undefined organism found in <213> in SEQ ID (119)

SEQUENCE LISTING

<110> KURODA, Masaharu

<120> Plant with Reduced Protein Content in Seed, Method of Constructing the Same and Method of Using the Same

<130> 59150-8035

<140> 10539992
<141> 2009-05-18

<150> PCT/JP2003/015753
<151> 2003-12-09

<150> JP 2002-369700
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<160> 119

<170> PatentIn version 3.3

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<213> Oryza sativa

<220>
<223> 13kD prolamine RM9

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<213> Oryza sativa

<220>
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20 25 30

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Leu Gln Pro His Leu Met Leu Gln Gln Gln Met Leu Ser Pro Cys Gly
        35                  40                  45
Glu Phe Val Arg Gln Gln Cys Ser Thr Val Ala Thr Pro Phe Phe Gln
    50                  55                  60
Ser Pro Val Phe Gln Leu Arg Asn Cys Gln Val Met Gln Gln Gln Cys
65                  70                  75                  80
Cys Gln Gln Leu Arg Met Ile Ala Gln Gln Ser His Cys Gln Ala Ile
                85                  90                  95
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Arg Leu Gln Gln Phe Ala
            100                 105                 110
Ser Val Tyr Phe Asp Gln Ser Gln Ala Gln Ala Gln Ala Met Leu Ala
        115                 120                 125
Leu Asn Met Pro Ser Ile Cys Gly Ile Tyr Pro Ser Tyr Asn Thr Ala
    130                 135                 140
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145                 150                 155
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<210> 3
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<213> Oryza sativa

<220>
<223> 13kD prolamine RM1

<400> 3

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atcaactaca atcgcatctc ctgctacagc aacaagtgct cagcccatgc agtgagttcg    180
taaggcaaca gcatagcata gtggcaaccc ccttctggca accagctacg tttcaattga    240
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tcggtgttgt ctactttgat cagactcaag ctcaagctca agctttgctg gccttaaact    420
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ttggtggtgt ctggtactga attgtaatag tataatggtt caaatgttaa aaataaagtc    540
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<213> Oryza sativa

<220>
<223> 13kD prolamine RM1

<400> 4

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            20                  25                  30
Leu Gln Ser His Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
        35                  40                  45
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln
    50                  55                  60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65                  70                  75                  80
```

```
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
                85                  90                  95
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
            100                 105                 110
Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala
        115                 120                 125
Leu Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ile Ala
    130                 135                 140
Pro Arg Ser Ile Pro Thr Val Gly Gly Val Trp Tyr
145                 150                 155
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<211> 766
<212> DNA
<213> Oryza sativa

<220>
<223> 13kD prolamine

<400> 5

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tcctccctcc gcggtacccg gccgcctcac tcctctgctg gacccccggc cgccccgggc    120
cgcgccccat cccggtgcgc gacccatcgt tcacacagtt caagcattat acagaaaaat    180
agaaagatct agtgtcccgc agcaatgaag atcattttcg tctttgctct ccttgctatt    240
gctgcatgca ggcctctgcc gagtttgatg tttttaggtc aaagttatag gcaatatcag    300
ctgcagtcgc ctgtcctgct acagcaacag gtgcttagcc catataatga gttcgtaagg    360
cagcagtatg gcatagcggc aagccccttc ttgcaatcag ctgcatttca actgagaaat    420
aaccaagtct ggcaacatca ggctggtggc caacaatctc gctatcagga cattaacatt    480
gttcaggcca tagcgtacga gctacaactc cagcaatttg gtgatctcta ctttgatcgg    540
aatcaggctc aagctcaagc tctattggct tttaacgtgc catctagata tggtatctac    600
cctaggtact atggtgcacc cagtaccatt accacccttg gcggtgtctt gtaatgtgtt    660
ttaacagtat agtggttcgg aagttaaaaa taagctcaga tatcatcata tgtgacatgt    720
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<210> 6
<211> 149
<212> PRT
<213> Oryza sativa

<220>
<223> 13kD prolamine

<400> 6

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1               5                   10                  15
Pro Leu Pro Ser Leu Met Phe Leu Gly Gln Ser Tyr Arg Gln Tyr Gln
            20                  25                  30
Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
        35                  40                  45
Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
    50                  55                  60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln His Gln Ala
65                  70                  75                  80
Gly Gly Gln Gln Ser Arg Tyr Gln Asp Ile Asn Ile Val Gln Ala Ile
                85                  90                  95
Ala Tyr Glu Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp Arg
            100                 105                 110
```

```
Asn Gln Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Val Pro Ser Arg
        115                 120                 125
Tyr Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr
    130                 135                 140
Leu Gly Gly Val Leu
145
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<210> 7
<211> 717
<212> DNA
<213> Oryza sativa

<220>
<223> 13kD prolamine

<400> 7

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caagtattat acagaaaaat agaaagatct agtgtcccgc agcaatgaag atcattttcg    180
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aaagttatag gcaatatcag ctgcagtcgc ctgtcctgct acagcaacag gtgcttagcc    300
catataatga gttcgtaagg cagcagtatg gcatagcggc aagcccttc ttgcaatcag    360
ctgcatttca actgagaaac aaccaagtct ggcaacagct cgcgctggtg gcgcaacaat    420
ctcactatca ggacattaac attgttcagg ccatagcgca gcagctacaa ctccagcagt    480
ttggtgatct ctactttgat cggaatctgg ctcaagctca gttggctttt aacgtgccat    540
ctagatatgg tatctaccct aggtactatg gtgcacccag taccattacc acccttggcg    600
gtgtcttgta atgtgtttta acaaggtata gtggttcgga agttaaaaat aagctcagat    660
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<210> 8
<211> 148
<212> PRT
<213> Oryza sativa

<220>
<223> 13kD prolamine

<400> 8

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Ala Ser Ala Gln Phe Asp Val Leu Gly Gln Ser Tyr Arg Gln Tyr Gln
            20                  25                  30
Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
        35                  40                  45
Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
    50                  55                  60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln Gln Leu Ala
65                  70                  75                  80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Ile Val Gln Ala
                85                  90                  95
Ile Ala Gln Gln Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp
            100                 105                 110
Arg Asn Leu Ala Gln Ala Gln Leu Ala Phe Asn Val Pro Ser Arg Tyr
        115                 120                 125
Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr Leu
    130                 135                 140
Gly Gly Val Leu
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145

<210> 9
<211> 650
<212> DNA
<213> Oryza sativa

<220>
<223> 13kD prolamine

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attacagcga aagcataaca actagaatcc taccacaatg aagatcattt tcttctttgc 180
tctccttgct gaagctgcat gtagcgcctc tgcgcagttt gatgctgtta ctcaagttta 240
caggcaatat cagctgcagc aacagatgct tagcccatgc ggtgagttcg taaggcagca 300
gtgcagcaca gtggcaaccc ccttcttcca atcacccgtg tttcaactga gaaactgcca 360
agtcatgcag cagcagtgct gccaacagct caggatgatc gcgcaacagt ctcactgcca 420
ggccattagc agtgttcagg cgattgtgca gcagctacag ctacaacagt tttctggcgt 480
ctacttcgat caggctcaag ctcaagccca agctatgttg ggcctaaact tgccgtcaat 540
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<211> 149
<212> PRT
<213> Oryza sativa

<220>
<223> 13kD prolamine

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1 5 10 15
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20 25 30
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35 40 45
Cys Ser Thr Val Ala Thr Pro Phe Phe Gln Ser Pro Val Phe Gln Leu
50 55 60
Arg Asn Cys Gln Val Met Gln Gln Gln Cys Cys Gln Gln Leu Arg Met
65 70 75 80
Ile Ala Gln Gln Ser His Cys Gln Ala Ile Ser Ser Val Gln Ala Ile
85 90 95
Val Gln Gln Leu Gln Leu Gln Gln Phe Ser Gly Val Tyr Phe Asp Gln
100 105 110
Ala Gln Ala Gln Ala Gln Ala Met Leu Gly Leu Asn Leu Pro Ser Ile
115 120 125
Cys Gly Ile Tyr Pro Ser Tyr Asn Thr Val Pro Glu Ile Pro Thr Val
130 135 140
Gly Gly Ile Trp Tyr
145

<210> 11
<211> 629
<212> DNA
<213> Oryza sativa

<220>
<223> 13kD prolamine

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gataaacaac caagtcatgc agcaacagtg ttgccaacag ctcaggctgg tagcgcaaca 300
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ggtcggtgtt gtctactttg atcagactca agctcaagct caagctttgc tggccttaaa 420
cttgccatcc atatgtggta tctatcctaa ctactacatt gctccgagga gcattcccac 480
cgttggtgtg tctggtactg aattgtaata gtataatggt tcaaatgtta aaaataaagt 540
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<212> PRT
<213> Oryza sativa

<220>
<223> 13kD prolamine

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20 25 30
Leu Gln Ser His Leu Gln Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
35 40 45
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln
50 55 60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65 70 75 80
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
85 90 95
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
100 105 110
Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala
115 120 125
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130 135 140
Pro Arg Ser Ile Pro Thr Val Gly Val Ser Gly Thr Glu Leu
145 150 155

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<212> DNA
<213> Oryza sativa

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<212> PRT
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20 25 30
Leu Gln Ser His Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
35 40 45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Val Ala Thr Pro Phe Trp Gln
50 55 60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65 70 75 80
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
85 90 95
Ser Ile Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Phe Ser
100 105 110
Gly Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Thr Leu Leu Thr
115 120 125
Phe Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ser Ala
130 135 140
Pro Arg Ser Ile Ala Thr Val Gly Gly Val Trp Tyr
145 150 155

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<212> DNA
<213> Oryza sativa

<220>
<223> 13kD prolamine

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gcaatctcta cattgaccgg aatctggctc aagctcaagc actgttggct tttaacttgc 420

catctacata tggtatctac ccttggtcct atagtgcacc cgatagcatt accacccttg 480
gcggtgtctt gtactgaatt ttcacaatat tgtagttcgg aagtgaaaat ataagctcag 540
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<223> 13kD prolamine

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20 25 30
Val Gln Ser Pro Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
35 40 45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Ala Ala Ser Thr Phe Leu Gln
50 55 60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Leu Gln Gln Leu Arg
65 70 75 80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Val Val Gln Ala
85 90 95
Ile Ala His Gln Leu His Leu Gln Gln Phe Gly Asn Leu Tyr Ile Asp
100 105 110
Arg Asn Leu Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Leu Pro Ser
115 120 125
Thr Tyr Gly Ile Tyr Pro Trp Se